

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Stephen P. Rukavina, et al.
FOR : **BRUSHLESS DC DRIVE MECHANISM
FOR SELF PROPELLED APPLIANCE**
SERIAL NO. : 10/624,364
FILED : July 22, 2003
EXAMINER : Unknown
ART UNIT : Unknown
CONFIRMATION NO. : 7668
ATTORNEY DOCKET NO. : **RYLZ 2 00923**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed require(s) no further explanation (or no translation is available).

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☐ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☒ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

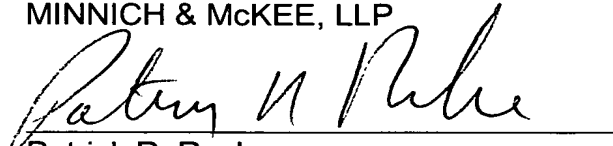
☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

3/12/04
Date



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216/861-5582

CERTIFICATE OF MAILING

- I certify that this Information Disclosure Statement and accompanying document(s) are being
- ☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below. _
 - ☐ transmitted to facsimile number _____ under 37 C.F.R. 1.8 on the date indicated below.
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Express Mail Label No.:
Date <u>March 12 2004</u>

Signature 
Printed Name <u>CATHRYN TERCHEK</u>

Substitute for Form 1449 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) (Use as many sheets as necessary)	COMPLETE IF KNOWN	
	Application Number	10/624,364
	Filing Date	July 22, 2003
	First Named Inventor	Stephen P. Rukavina, et al.
	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 1 of 3	Attorney Docket No.	RYLZ 2 00923

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-1,459,946	6/26/23	Camarata et al.	
	AB	US-1,465,285	8/21/23	Peterson	
	AC	US-2,619,209	11/25/52	Horn	
	AD	US-2,814,063	11/26/57	Ripple	
	AE	US-2,950,772	8/30/60	Dostal et al.	
	AF	US-3,061,858	11/6/62	C.A. Dostal et al.	
	AG	US-3,218,876	11/23/65	Berger	
	AH	US-3,220,043	11/30/65	Lampe	
	AI	US-3,451,495	6/24/69	Bayless et al.	
	AJ	US-3,581,591	6/1/71	Ziegler et al.	
	AK	US-3,618,687	11/9/71	Ripple et al.	
	AL	US-3,823,791	7/16/74	Sheler	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
	AM					
	AN					
	AO					
	AP					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	AQ	Website: Hitachi power semiconductor home page: http://www.hitachi.com.jp/pse , High-Voltage Monolithic IC, ECN3030F/3031F, PDE-3030F/31F-0, pages 1-7 (2003)	
	AR		
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Examiner Signature		Date Considered	
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	BA	US-3,854,164	12/17/74	Schmitz	
	BB	US-3,938,216	2/17/76	Schmitz et al.	
	BC	US-3,962,746	6/15/76	Johnson et al.	
	BD	US-4,249,281	2/10/81	Meyer et al.	
	BE	US-4,342,369	8/3/82	Ransom	
	BF	US-4,347,643	9/7/82	Bair, III	
	BG	US-4,434,865	3/6/84	Tschudy et al.	
	BH	US-4,615,071	10/7/86	Frohbieter	
	BI	US-4,624,027	11/25/86	Martin	
	BJ	US-4,766,640	8/30/88	Martin et al.	
	BK	US-5,042,109	8/27/91	Stephens	
	BL	US-5,115,537	5/26/92	Meyer et al.	

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		Country Code-Number Kind Code (if known)				
	BM					
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	BQ		
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	CA	US-5,269,042	12/14/93	Stephens et al.	
	CB	US-5,285,550	2/15/94	Meyer et al.	
	CC	US-5,335,740	8/9/94	Meyer et al.	
	CD	US-5,339,916	8/23/94	Louis	
	CE	US-5,406,674	4/18/95	Lawter et al.	
	CF	US-5,504,971	4/9/96	McCormick	
	CG	US-6,061,869	5/16/00	Ettes et al.	
	CH	US-6,131,238	10/17/00	Weber et al.	
	CI	US-			
	CJ	US-			
	CK	US-			
	CL	US-			

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		Country Code-Number Kind Code (if known)				
	CM					
	CN					
	CO					
	CP					

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	CQ		
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	CS		
	CT		
	CU		
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